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(54) Title: MONOCLONAL ANTIBODIES SPECIFIC FOR CARIOGENIC BACTERIA

(57) **Abstract:** Antibodies, as well as binding fragments and mimetics thereof, that specifically bind to Actinomyces or Lactobacillus cariogenic bacteria are provided. The subject binding agents, e.g., antibodies, fragments and mimetics thereof, etc., are characterized in that they are highly sensitive and specific for their target bacteria. Also provided are methods and devices for screening samples for the presence of cariogenic bacteria. In addition therapeutic treatment protocols and compositions are provided.

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